



PTO/SB 08 - Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/658,545
Filing Date	September 10, 2003
First Named Inventor	Seung-Gyun Bae et al.
Art Unit	2611
Examiner Name	Christopher C. Grant
Attorney Docket Number	45703

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
		US-			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code-Number- Kind Code (if known)				
/J.M./		GB 2 347 588	09/06/2000	Jae-Huk Jang		
/J.M./		JP 2002-164992	06/07/2002	Dae-Heon Kwon et al.		A
/J.M./		JP 11-196397	07/21/1999	Kyoji Tamura et al.		A

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publishers, city and/or country where published	T

Examiner  
Signature

/Junior Mendoza/

Date  
Considered

09/26/2007

[illegible]



INVESTOR IN PEOPLE

Application No: GB0504840.0

Examiner: Mr Jeremy Cowen

Claims searched: 1,2,3

Date of search: 21 April 2005

## Patents Act 1977: Search Report under Section 17

### Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance
X	1,2,3	GB2347589 A (Samsung Electronics Co Ltd), see whole document, esp abstract and figure 2

### Categories:

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.

### Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC<sup>x</sup> :

H4F; H4L

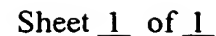
Worldwide search of patent documents classified in the following areas of the IPC<sup>07</sup>

H04M; H04N

The following online and other databases have been used in the preparation of this search report

WPI, EPODOC, PAJ

[illegible]



Form PTO-1449 U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.  
45703

SERIAL NO.  
10/658,545

**APPLICANT**  
**Seung-Gyun Bae et al.**

**FILING DATE**  
**September 10, 2003**

GROUP ART NO.  
2166

## U.S. Patent Documents

[illegible]

**Published U.S. Patent Application**

		Patent No.	Pub. Date	Patentee	Class	Sub-class	Filing Date

### Foreign Patent Documents or Foreign Patent Applications

[illegible]

**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

**\*EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

